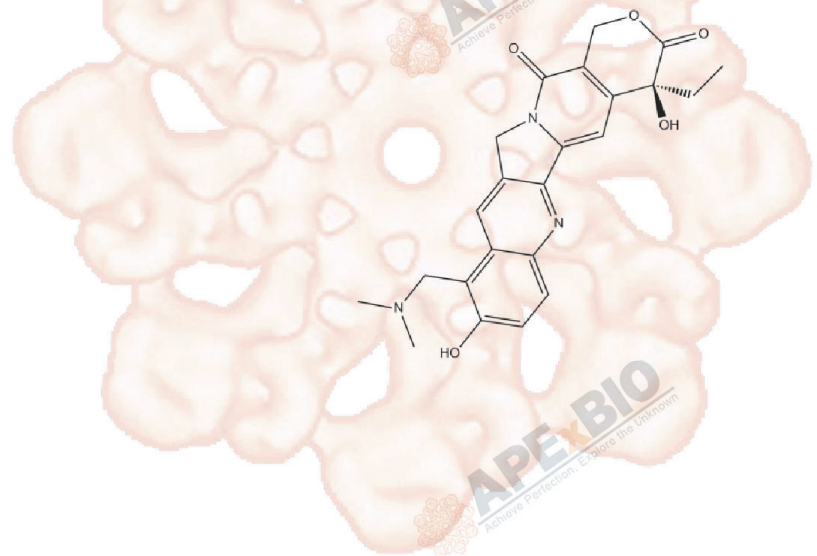


Product Data Sheet

Topotecan

Cat. No.:	B4982
CAS No.:	123948-87-8
Formula:	C23H23N3O5
M.Wt:	421.45
Synonyms:	
Target:	DNA Damage/DNA Repair
Pathway:	Topoisomerase
Storage:	Store at -20°C



Solvent & Solubility

≥21.1 mg/mL in DMSO

In Vitro	Preparing Stock Solutions	Solvent	Mass		
			1mg	5mg	10mg
		Concentration			
		1 mM	2.3728 mL	11.8638 mL	23.7276 mL
		5 mM	0.4746 mL	2.3728 mL	4.7455 mL
		10 mM	0.2373 mL	1.1864 mL	2.3728 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary	Topoisomerase 1 inhibitor	
IC ₅₀ & Target		
In Vitro	Cell Viability Assay	
	Preparation method:	
In Vivo	Animal experiment	
	Applications:	

Product Citations

1. Manasi Ratnaparkhe, John Wong, et al. "Defective DNA damage repair leads to frequent catastrophic genomic events in murine and human tumors." bioRxiv. 2018 May 4.

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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